

CURRICULUM VITAE
Leonard Mark Glassman, M.D. F.A.C.R.

OFFICE ADDRESS Washington Radiology Associates, P.C.
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Washington, D.C. 20037

TELEPHONE Office: (202) 466-7250

EDUCATION

Pennsylvania State University
[----] Bachelor of Science (with honors)

Jefferson Medical College
[----] Doctor of Medicine

INTERNSHIP

Temple University Health Sciences Center
[-----] (Straight Medicine)

RESIDENCY

Thomas Jefferson University Hospital
[-----] (Diagnostic Radiology)

CERTIFICATION

National Board of Medical Examiners
[----]

American Board of Radiology
[---](Diagnostic Radiology)

AWARDS AND GRANTS

National Cancer Institute Training Grant
(Studentship in Radiation Therapy)
[-----]

Fellowship, American College of Radiology
[-----]

APPOINTMENTS

Instructor in Radiology
Jefferson Medical College
1973-1974

Assistant Professor of Radiology
Jefferson Medical College
1974-1977 (Leave of absence for military service)

Assistant Professor of Radiology
George Washington University School of Medicine
1977-1978

Assistant Clinical Professor of Radiology
George Washington University School of Medicine
1978-1979

Associate Clinical Professor of Radiology
George Washington University School of Medicine
1979-1991

Visiting Scientist

Division of Radiologic Pathology
Armed Forces Institute of Pathology
1988-present

Clinical Professor of Radiology
George Washington University School of Medicine
1991-Present

Clinical Professor of Radiology
Georgetown University School of Medicine
1998-Present

Member, Radiological Devices Panel, Center for Devices and Radiological Health, US Food and
Drug Administration
February 1, 2005 – January 31, 2009

Editorial Advisory Panel
AJR, American Journal of Roentgenology
2006 – present

HOSPITAL APPOINTMENTS

Assistant Attending Radiologist
Participating radiologist, BCDDP
Thomas Jefferson University Hospital
1973-1974

Attending Radiologist
George Washington University Hospital
1977-1978

Attending Radiologist
Columbia Hospital for Women Medical Center
July 1978-September 1984

Chief of Radiology
Columbia Hospital for Women Medical Center
September 1984-August 1999

Senior Attending Radiologist
Columbia Hospital for Women Medical Center
April 1986-February 2001

LICENSURE

District of Columbia #[-----]

Virginia #[-----]

Maryland #[-----]

MILITARY SERVICE

Radiologist
USAF Hospital
RAF Lakenheath, Suffolk, England
1974-1976

Chief of Radiology
USAF Hospital
RAF Lakenheath, Suffolk, England
1976-1977
RANK: Major
Honorable Discharge

ARTICLES, BOOK CHAPTERS ABSTRACTS AND EXHIBITIONS

1. Sarcoidosis, Typical and Atypical Thoracic Manifestations and Complications. Freundlich, I.M., Libshitz, H.I., Glassman, L.M., and Israel, H.L. Clinical Radiology 21:376-383, October, 1970.
2. Seminar on the Role of the Orthopedist in the Management of Juvenile Rheumatoid Arthritis, Harrison House, Glen Cove, L.I., New York, April 27-29, 1972. Published by the American Academy of Orthopedic Surgeons, 1972.
3. Pituitary Plugs (The Normal and Abnormal Post-operative Appearance Following Radiofrequency Hypophysectomy). Libshitz, H.I., Sandler, C.M., and Glassman, L.M. Journal of the Canadian Association of Radiologists 24:137-140, June, 1973.
4. Reliability of Renal Imaging Obtained Incidentally in 99M Tc-Polyphosphate Bone Scanning. Park, C.H., Glassman, L.M., Thompson, N.L., and Mata, J.S. Journal of Nuclear Medicine 14:534-536, July, 1973.
5. Clinical Xerography. Exhibit at the XIII International Congress of Radiology, Madrid, Spain, October 15-20, 1973.
(With O'Hara, A.E. and Cregar, D.)
6. The Radiologic Findings in Dermatomyositis of Childhood. Steiner, R.M., Glassman, L.M., Schwartz, M.W., and Vanace, P. Radiology 111:385-393, May, 1974.
7. Xerosialography. Glassman, L.M., O'Hara, A.E., and Cregar, D. Archives of Otolaryngology 100 (5):341-343, November, 1974.

8. CT of the Pelvis. Exhibit at the American Urological Association, Washington, D.C., 1977. (With Fourcroy, J. L., and Miller, H.)
9. Correlation of Chest Roentgenology and Lung Physiology. Wyman, A.C., and Glassman, L.M. Primary Care 5 (3):349-371, September, 1978.
10. Cecal Volvulus. Glassman, L.M., and Lewicki, A.M. American Journal of Gastroenterology 71:524-527, May, 1979.
11. Prenatal Diagnosis by Ultrasonography of Genitourinary Abnormalities. Fourcroy, J.L., Blei, C.L., Glassman, L.M., and White, R. Urology 23 (3):223-229, September, 1983.
12. Two Unusual Ectopic Pregnancies - A Case Report. Dunner, P.S., and Glassman, L.M. Journal of Clinical Ultrasound 12:225-228, May, 1984.
13. Specificity of Ultrasonography in the Diagnosis of Benign Breast Masses. Heywang, S.H., Lipsit, E.R., Glassman, L.M., and Thomas, M.A. Journal of Ultrasound in Medicine 3:453-461, October, 1984.
14. Advantages and Pitfalls of Ultrasound in the Diagnosis of Breast Cancer. Heywang, S.H., Dunner, P.S., Lipsit, E.R., and Glassman, L.M. Journal of Clinical Ultrasound 13:525-532, October, 1985.
15. Sonography of Pathologically Proven Hemorrhagic Ovarian Cysts. Reynolds, T., Hill, M.C., and Glassman, L.M. Journal of Clinical Ultrasound 14:449-453, July-August, 1986.
16. Hormonal and Sonographic Markers as Early Predictors of Pathological Pregnancies. Buyalos, R., DiMattina, M., Glassman, L.M., Jaffurs, W., Rifka, S., and Falk, R. Poster Presentation, American Fertility Society, 44th annual meeting, 1988.
17. Serum Beta-HCG, Estradiol, and Progesterone as Early Predictors of Pathologic Pregnancies. Buyalos, R., Glassman, L.M., Rifka, S., Falk, R., Macarthy, P., Tyson, V., and DiMattina, M. The Journal of Reproductive Medicine, 37:261-266, March, 1992.
18. Use of Endovaginal Sonography to Accurately Diagnose a Third Trimester Abdominal Pregnancy. Katz, J., Booker, S., and Glassman, L. Poster Presentation, The American College of Obstetricians and Gynecologists, District IV Annual Meeting, November 15-19, 1992.
19. Defecography. Practical Guide to Anorectal Testing. Lee E Smith, M.D., editor. Igaku-Shoin publishers, New York, 1994.
20. Ultrasound Diagnosis of Fetal Lymphatic Obstruction and its Progression. Francis, T., Lund, J., and Glassman, L. Scientific Exhibit. American Institute of Ultrasound in Medicine, Annual Meeting, March 26-29, 1995.

21. Rectocele Repair: Excellent Outcome Using Selective Criteria. Murthy, V.K., Orkin, B.A., Smith, L.E., and Glassman, L.M. Poster Presentation. The American Society of Colon and Rectal Surgeons, Annual Meeting, May 7-12, 1995.
22. Excellent Outcome Using Selective Criteria for Rectocele Repair. Murthy, V.K., Orkin, B.A., Smith, L.E., and Glassman, L.M. Diseases of the Colon and Rectum, 39:374-378, 1996.
23. Breast Abnormalities in Young Women. Glassman, L.M. Acta Radiologica Portuguesa, 17:19-23, 2005.
24. Uncommon Signs of Breast Cancer. Glassman, L.M. Acta Radiologica Portuguesa, 17:25-28, 2005.
25. Breast Calcifications – Benign and Malignant. Glassman, L.M. Acta Radiologica Portuguesa, 17:29-32, 2005.
26. DCIS. Glassman, L.M. Acta Radiologica Portuguesa, 17:19-23, 2005.
27. Evaluation of Breast Masses. Glassman, L.M. Acta Radiologica Portuguesa, 17:19-23, 2005.

PRESENTATIONS AND LECTURES

1. "The Role of Radiology in the Diagnosis of Breast Cancer". Breast Cancer 1979: Challenges and Vistas. George Washington University, December 8, 1979.
2. "Radiology of the Colon". Flexible Sigmoidoscopy for the Gynecologist. Columbia Hospital for Women Medical Center, October 8, 1979.
3. "Mammography - Risks, Results, and Current Recommendations". Update in General Surgery. George Washington University, April 27, 1981.
4. "X-ray and Sonography of the Breast". Spring Seminar in Obstetrics and Gynecology. Columbia Hospital for Women Medical Center, May 7, 1981.
5. "Sonography of the Breast". D.C. Chapter of the American Institute of Ultrasound in Medicine, October, 1982.
6. "X-ray Evaluation of the Colon". Flexible Fiberoptic Sigmoidoscopy, Columbia Hospital for Women Medical Center, December 4, 1982.
7. "Radiology and Sonography of the Breast". OB-GYN Grand Rounds, Fairfax Hospital, Fairfax, Virginia., April, 1983.
8. "Ultrasound Equipment". Breast Imaging 1983. Washington, D.C., April 9, 1983. (Course Director - April 8-9, 1983).

9. "Sonography of the Ovaries". DC Chapter of the American Institute of Ultrasound in Medicine, November 19, 1983.
10. "Current Concepts in Diagnosis and Treatment of Breast Disease". Montgomery County Medical Society, Bethesda, Maryland. January 17, 1984.
11. "Ultrasound of Fetal Congenital Abnormalities". Northern Virginia OB/GYN Society, January 19, 1984.
12. "Radiology and Sonography in OB/GYN". Contemporary Concepts in Women's and Infants' Health. Columbia Hospital for Women Medical Center, May 1, 1984.
13. "OB/GYN Ultrasound". Progress and Dilemmas in Women's and Infants' Health Care. Columbia Hospital for Women Medical Center, May 29, 1985.
14. "Gynecologic Sonography". Practical Approach to Diagnostic Ultrasound. George Washington University Medical Center, January 29, 1986.
15. "Current Concepts in Breast Imaging and the Role of the Ultrasonographer". D.C. Chapter of the American Institute of Ultrasound in Medicine, May 6, 1986.
16. "Mammography". USUHS Continuing Medical Education Conference on Radiology. Uniformed Services University of the Health Sciences, Heidelberg, Germany, February 18-25, 1987.
17. "Transvaginal Ultrasound in Obstetrics and Gynecology". Sonography of the Abdomen. D.C. Chapter of the American Institute of Ultrasound in Medicine and George Washington University Medical Center, Washington, D.C., May 9, 1987.
18. "Vaginal Ultrasound in Obstetrics". A Spring Seminar in OB/GYN. Columbia Hospital for Women Medical Center, Washington, D.C., May 15-16, 1987.
19. "Clinical Aspects of Transvaginal Ultrasound Imaging". Clinical Advances in Transrectal and Transvaginal Imaging. Dasonics, Chicago, Ill., June 2, 1987.
20. "Gynecologic Sonography". Practical Approach to Diagnostic Ultrasound. George Washington University Medical Center, February 2, 1988.
21. "Clinical Aspects of Endovaginal Imaging". Clinical Advances in Endorectal and Endovaginal Imaging. Dasonics, NYC, NY., March 16, 1988.
22. "Vaginal Sonography". Medlantic Institute, Washington, DC, April 27, 1988.

23. "Clinical Aspects of Endovaginal Imaging". Clinical Advances in Endorectal and Endovaginal Imaging. Disonics, New Orleans, LA., June 8, 1988.
24. "Advanced Techniques in Mammography". Sinai Hospital of Baltimore, Baltimore, MD, June 16, 1988.
25. "Transvaginal Sonography". Virginia Society of Radiologic Technologists, Fredericksburg, VA, September 17, 1988.
26. "Defecography". Laboratory Study of the Anus, Rectum, and Colon. George Washington University, Washington, DC. July 25-27, 1990.
27. "Breast Cancer Control". Quality, Care and Commitment: Mammography for the 1990's. Du Pont Company, Washington, DC. April 27-28, 1991.
28. "Transit Time Studies and Defecography". Workshop on Anorectal Physiology Testing. George Washington University, Washington, DC. July 26, 1991.
29. "Imaging the Adenexa: HSG, Ultrasound, CT, MRI". Pan American Conference on Fertility & Sterility. Acapulco, Mexico. January 30, 1992.
30. "Defecography - Method and Examples". 4th Congress on the Laboratory Study of the Anus, Rectum, and Colon. George Washington University, Washington, DC. July 22-24, 1992.
31. "Transit Markers - Overview". 4th Congress on the Laboratory Study of the Anus, Rectum, and Colon. George Washington University, Washington, DC. July 22-24, 1992.
32. "Introduction to other signs of malignancy." CDC/ACR Cooperative Agreement for Quality Assurance Activities in Mammography. Armed Forces Institute of Pathology, Reston, VA. July 29, 1992.
33. "Transvaginal Imaging, Real Time and Color Doppler". Disonics, Washington, DC., December 17, 1992.
34. "Mammography and Needle Biopsy of the Breast". Grand Rounds, Department of OB-GYN, Washington Hospital Center, Washington, DC, February 9, 1993.
35. "What are the Indications for Stereotactic Breast Biopsy?" All Surgeons Day, The Metropolitan Washington Chapter of the American College of Surgeons, Washington, DC, March 6, 1993.
36. "Ultrasound and Stereotactic X-ray of the Breast." Translaparoscopic Ultrasound, Department of Surgery, The Uniformed Services University of the Health Sciences, Bethesda, MD, June, 1993.

37. "Introduction to other signs of malignancy." CDC/ACR Cooperative Agreement for Quality Assurance Activities in Mammography. Armed Forces Institute of Pathology, Reston, VA. September 2, 1993.
38. "Stereotactic and Ultrasound Guided Biopsy." Mammography. The George Washington University Medical Center, Beltsville, MD. November 19-21, 1993.
39. "Anatomy and Pathology of the Breast with Radiologic Correlation." 45th Military Medical Surgical Clinical Congress. Uniformed Services University of the Health Sciences, Willingen, Germany. April 18-21, 1994.
40. "Calcifications and Other Signs of Malignancy." 45th Military Medical Surgical Clinical Congress. Uniformed Services University of the Health Sciences, Willingen, Germany. April 18-21, 1994.
41. "Needle Breast Biopsy Using Stereotactic Technique and Ultrasound." 45th Military Medical Surgical Clinical Congress. Uniformed Services University of the Health Sciences, Willingen, Germany. April 18-21, 1994.
42. "Breast Cancer Screening and Medical-Legal Issues in Mammography." 45th Military Medical Surgical Clinical Congress. Uniformed Services University of the Health Sciences, Willingen, Germany. April 18-21, 1994.
43. "Breast Case Conference." 45th Military Medical Surgical Clinical Congress. Uniformed Services University of the Health Sciences, Willingen, Germany. April 18-21, 1994.
44. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. March 15, 1995.
45. "Changes in Endometrial-Myometrial Flow Pattern as Seen on Ultrasound Angiography Through Normal Menstrual Cycles." American Institute of Ultrasound in Medicine, Annual Meeting, March 26-29, 1995.
46. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. May 15, 1995.
47. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. August 1, 1995.
48. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. August 1, 1995.
49. "Ultrasound and Stereotactic X-ray of the Breast." Translaparoscopic Ultrasound, Department of Surgery, The Uniformed Services University of the Health Sciences, Bethesda, MD, August 14, 1995.
50. "Principles of Ultrasound." Translaparoscopic Ultrasound, Department of Surgery, The Uniformed Services University of the Health Sciences, Bethesda, MD, August 14, 1995.

51. "Extracorporeal Ultrasound." Translaparoscopic Ultrasound, Department of Surgery, The Uniformed Services University of the Health Sciences, Bethesda, MD, August 14, 1995.
52. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. September 6, 1995.
53. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. September 6, 1995.
54. "Calcifications and Other Signs of Malignancy." Seventh Annual Meeting of Radiology and Imaging, Hospital Central Militar, Mexico City, Mexico. October 7, 1995.
55. "Mammographic and Ultrasonographic Evaluation of Breast Masses." Seventh Annual Meeting of Radiology and Imaging, Hospital Central Militar, Mexico City, Mexico. October 7, 1995.
56. "Anatomic-Pathologic Correlation in Mammography." Seventh Annual Meeting of Radiology and Imaging, Hospital Central Militar, Mexico City, Mexico. October 7, 1995.
57. "Stereotactic and Ultrasound Guided Needle Breast Biopsy." Seventh Annual Meeting of Radiology and Imaging, Hospital Central Militar, Mexico City, Mexico. October 7, 1995.
58. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. November 11, 1995.
59. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. November 11, 1995.
60. "Ultrasound and Stereotactic Biopsy of the Breast." Translaparoscopic Ultrasound & Cryotherapy, Department of Surgery, The Uniformed Services University of the Health Sciences, Bethesda, MD, December 11, 1995.
61. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. February 5, 1996.
62. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. February 5, 1996.
63. "The Uses of Power Doppler in Obstetrics and Gynecology." Pacific Northwest Ultrasound Society, Seattle, Washington. February 15, 1996.
64. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. March 19, 1996.
65. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. March 19, 1996.

66. "Mammography and Sonography - Evaluation of Breast Masses." The Maryland Society of Radiologic Technologists, Silver Spring, MD. April 13, 1996.
67. "Anatomy and Pathology of the Breast with Radiologic Correlation." The 19th International Congress of Radiology, Beijing, P.R.C. June 12, 1996.
68. "Evaluation of Breast Masses Using Mammography and Ultrasound." The 19th International Congress of Radiology, Beijing, P.R.C. June 12, 1996.
69. "Preoperative Needle Localization." The 19th International Congress of Radiology, Beijing, P.R.C. June 12, 1996.
70. "Needle Breast Biopsy Using Stereotactic Technique and Ultrasound." The 19th International Congress of Radiology, Beijing, P.R.C. June 12, 1996.
71. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. July 25, 1996.
72. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. July 25, 1996.
73. "Ultrasound and Stereotactic Biopsy of the Breast." Translaparoscopic Ultrasound & Cryotherapy, Department of Surgery, The Uniformed Services University of the Health Sciences, Bethesda, MD, September 9, 1996.
74. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. October 1, 1996.
75. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. October 1, 1996.
76. "Seminar in Mammographic Interpretation." Armed Forces Institute of Pathology, Washington DC. October 1, 1996.
77. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. January 27, 1997.
78. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. January 27, 1997.
79. "Seminar in Mammographic Interpretation." Armed Forces Institute of Pathology, Washington DC. January 27, 1997.
80. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. March 24, 1997.
81. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. March 24, 1997.

82. "Seminar in Mammographic Interpretation." Armed Forces Institute of Pathology, Washington DC. March 24, 1997.
83. "Screening Indications for Mammography and Indications for FNA or Biopsy." Breast Cancer - Prevention, Early Detection and Treatment, Rydzyna, Poland. April 8-11, 1997.
84. "Assessment of Microcalcifications." Breast Cancer - Prevention, Early Detection and Treatment, Rydzyna, Poland. April 8-11, 1997.
85. "Evaluation of Breast Masses using Mammography and Ultrasound and Preoperative Needle Localization." Breast Cancer - Prevention, Early Detection and Treatment, Rydzyna, Poland. April 8-11, 1997.
86. "Other Signs of Malignancy and Techniques of Needle Biopsy." Breast Cancer - Prevention, Early Detection and Treatment, Rydzyna, Poland. April 8-11, 1997.
87. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. April 24, 1997.
88. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. April 24, 1997.
89. "Seminar in Mammographic Interpretation." Armed Forces Institute of Pathology, Washington DC. April 24, 1997.
90. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. August 11, 1997.
91. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. August 11, 1997.
92. "Seminar in Mammographic Interpretation." Armed Forces Institute of Pathology, Washington DC. August 11, 1997.
93. "Radiologic-Pathologic Correlation in Mammography." Armed Forces Institute of Pathology, Washington DC. September 3, 1997.
94. "Mammographic and Sonographic Evaluation of Breast Masses." Armed Forces Institute of Pathology, Washington DC. September 3, 1997.
95. "Ultrasound and Stereotactic Biopsy of the Breast." Ultrasound for the General Surgeon, Department of Surgery, The Uniformed Services University of the Health Sciences, Bethesda, MD, September 8, 1997.
96. "Mammographic Screening and Indications for Needle Biopsy." Polish - American Symposium. Breast Cancer: Prevention, Early Detection and Treatment, Czestochowa, Poland. September 22-27, 1997.

97. "Analysis of Microcalcifications." Polish - American Symposium. Breast Cancer: Prevention, Early Detection and Treatment, Czestochowa, Poland. September 22-27, 1997.
98. "Evaluation of Breast Masses Using Mammography and Ultrasound." Polish - American Symposium. Breast Cancer: Prevention, Early Detection and Treatment, Czestochowa, Poland. September 22-27, 1997.
99. "Techniques of Needle Biopsy and Uncommon Signs of Breast Cancer." Polish - American Symposium. Breast Cancer: Prevention, Early Detection and Treatment, Czestochowa, Poland. September 22-27, 1997.
100. "Mechanics of Breast Cancer Screening." Polish - American Symposium. Breast Cancer: Prevention, Early Detection and Treatment, Czestochowa, Poland. September 22-27, 1997.
101. "Needle Localization of the Breast." Polish - American Symposium. Breast Cancer: Prevention, Early Detection and Treatment, Czestochowa, Poland. September 22-27, 1997.
102. "Diagnostic and Interventional Breast Imaging. " Department of State Foreign Service Medical Officers Meeting. Bethesda, MD. March 22-27, 1998.
103. "Anatomy and Pathology of the Breast with Radiologic Correlation. " 28th Jornada Paulista de Radiologica. Sao Paulo, Brazil. April 18-21, 1998.
104. "Evaluation of Breast Masses using Mammography and Ultrasound. " 28th Jornada Paulista de Radiologica. Sao Paulo, Brazil. April 18-21, 1998.
105. "Analysis of Breast Calcifications. " 28th Jornada Paulista de Radiologica. Sao Paulo, Brazil. April 18-21, 1998.
106. "Preoperative Needle Localization. " 28th Jornada Paulista de Radiologica. Sao Paulo, Brazil. April 18-21, 1998.
107. "Needle Breast Biopsy using Stereotactic Technique and Ultrasound. " 28th Jornada Paulista de Radiologica. Sao Paulo, Brazil. April 18-21, 1998.
108. "Uncommon Signs of Malignancy. " 28th Jornada Paulista de Radiologica. Sao Paulo, Brazil. April 18-21, 1998.
109. "Radiologic Pathologic Correlation in Breast Disease." IX Curso de Correlacion Radio-Patologica. Fundacion XIII Congreso International de Radiologia. Madrid, Spain. June 15-18, 1998.

110. "Preoperative Needle Localization." IX Curso de Correlacion Radio-Patologica. Fundacion XIII Congreso International de Radiologia. Madrid, Spain. June 15-18, 1998.
110. "Needle Breast Biopsy Using Ultrasound and Stereotactic Technique." IX Curso de Correlacion Radio-Patologica. Fundacion XIII Congreso International de Radiologia. Madrid, Spain. June 15-18, 1998.
111. "Radiologic Evaluation of Metastatic Carcinoma of the Breast." IX Curso de Correlacion Radio-Patologica. Fundacion XIII Congreso International de Radiologia. Madrid, Spain. June 15-18, 1998.
112. "Analysis of Breast Calcifications." IX Curso de Correlacion Radio-Patologica. Fundacion XIII Congreso International de Radiologia. Madrid, Spain. June 15-18, 1998.
113. "Evaluation of Breast Masses Using Mammography, Ultrasound and Newer Techniques." IX Curso de Correlacion Radio-Patologica. Fundacion XIII Congreso International de Radiologia. Madrid, Spain. June 15-18, 1998.
114. "Radiologic Pathologic Correlation in Breast Disease." Curso de Correlacao Anatomo-Radiologica. Sociedade Portuguesa de Radiologia e Medicina Nuclear. Oporto, Portugal. June 20-22, 1998.
115. "Needle Breast Biopsy Using Ultrasound and Stereotactic Technique." Curso de Correlacao Anatomo-Radiologica. Sociedade Portuguesa de Radiologia e Medicina Nuclear. Oporto, Portugal. June 20-22, 1998.
116. "Radiologic Evaluation of Metastatic Carcinoma of the Breast." Curso de Correlacao Anatomo-Radiologica. Sociedade Portuguesa de Radiologia e Medicina Nuclear. Oporto, Portugal. June 20-22, 1998.
117. "Analysis of Breast Calcifications." Curso de Correlacao Anatomo-Radiologica. Sociedade Portuguesa de Radiologia e Medicina Nuclear. Oporto, Portugal. June 20-22, 1998.
118. "Evaluation of Breast Masses Using Mammography, Ultrasound and Newer Techniques." Curso de Correlacao Anatomo-Radiologica. Sociedade Portuguesa de Radiologia e Medicina Nuclear. Oporto, Portugal. June 20-22, 1998.
119. "Radiologic Pathologic Correlation in Breast Disease." Radiologisches Fortbildungsseminar. Osterreichische Roentgengesellschaft. Vienna, Austria. June 24-27, 1998.
120. "Preoperative Needle Localization." Radiologisches Fortbildungsseminar. Osterreichische Roentgengesellschaft. Vienna, Austria. June 24-27, 1998.

121. "Needle Breast Biopsy Using Ultrasound and Stereotactic Technique." Radiologisches Fortbildungsseminar. Österreichische Roentgengesellschaft. Vienna, Austria. June 24-27, 1998.
122. "Radiologic Evaluation of Metastatic Carcinoma of the Breast." Radiologisches Fortbildungsseminar. Österreichische Roentgengesellschaft. Vienna, Austria. June 24-27, 1998.
123. "Analysis of Breast Calcifications." Radiologisches Fortbildungsseminar. Österreichische Roentgengesellschaft. Vienna, Austria. June 24-27, 1998.
124. "Evaluation of Breast Masses Using Mammography, Ultrasound and Newer Techniques." Radiologisches Fortbildungsseminar. Österreichische Roentgengesellschaft. Vienna, Austria. June 24-27, 1998.
125. "New Concepts in Breast Ultrasound." Washington DC Chapter of AIUM/SDMS. Washington, DC. March 4, 1998.
126. "Mammography Evaluation of Masses." The 1999 AMEDD Radiology Course. US Army Medical Command. Uniformed Services University of the Health Sciences. Bethesda, MD. April 26, 1999.
127. "Ultrasound and Ultrasound Biopsies." The 1999 AMEDD Radiology Course. US Army Medical Command. Uniformed Services University of the Health Sciences. Bethesda, MD. April 26, 1999.
128. "Breast Ultrasound and Needle Biopsy." Kaunas Medical Academy Clinics. Kaunas, Lithuania. October 5, 1999.
129. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. May 2, 2000.
130. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. May 2, 2000.
131. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. August 15, 2000.
132. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. August 15, 2000.
133. "Breast Pathology – What the Radiologist Needs to Know." XII Annual Meeting of Radiology and Imaging, Hospital Central Militar, Mexico City, Mexico. October 5, 2000.
134. "Mammography of Malignant Masses and Calcifications." XII Annual Meeting of Radiology and Imaging, Hospital Central Militar, Mexico City, Mexico. October 5, 2000.
135. "Classic Breast Lesions." XII Annual Meeting of Radiology and Imaging, Hospital Central Militar, Mexico City, Mexico. October 5, 2000.

136. "What's New in Breast Ultrasound." XII Annual Meeting of Radiology and Imaging, Hospital Central Militar, Mexico City, Mexico. October 5, 2000.
137. "Workshop in Scintimammography and Breast MR." XII Annual Meeting of Radiology and Imaging, Hospital Central Militar, Mexico City, Mexico. October 5, 2000.
138. "Workshop in Mammography." XII Annual Meeting of Radiology and Imaging, Hospital Central Militar, Mexico City, Mexico. October 5, 2000.
139. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. October 10, 2000.
140. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. October 10, 2000.
141. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. January 23, 2001.
142. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. January 23, 2001.
143. "Hot Topics in OB Ultrasound." Ultrasound Update: 2001. National Institutes of Health, Bethesda, MD. April 1, 2001.
144. "Ductal Carcinoma in Situ." Clinica de Especialidades de la Mujer, Mexico City, Mexico. May 7, 2001.
145. "Multimodality Imaging in Breast Cancer." Clinica de Especialidades de la Mujer, Mexico City, Mexico. May 7, 2001.
146. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. May 15, 2001.
147. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. May 15, 2001.
148. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. August 21, 2001.
149. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. August 21, 2001.
150. "Imaging of Breast Calcifications." 4th Roentgen-Virchow-Symposium, Berlin, Germany. October 11 – 13, 2001 (by teleconference).
151. "What's New in Breast Ultrasound." 4th Roentgen-Virchow-Symposium, Berlin, Germany. October 11 – 13, 2001 (by teleconference).

152. "Breast Pathology – What the Radiologist Needs to Know." 4th Roentgen-Virchow-Symposium, Berlin, Germany. October 11 – 13, 2001 (by teleconference).
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154. "Current Trends in Breast Imaging." The Sharon McGowan Breast Health Fund. Embassy of Portugal, Washington, DC. January 20, 2002
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157. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. April 16, 2002.
158. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. April 16, 2002.
159. "Breast Pathology – What the Radiologist Needs to Know." Radiologisches Fortbildungsseminar, Vienna, Austria. June 12 – 15, 2002.
160. "Classic Breast Lesions." Radiologisches Fortbildungsseminar, Vienna, Austria. June 12 – 15, 2002.
161. "Imaging of Breast Masses." Radiologisches Fortbildungsseminar, Vienna, Austria. June 12 – 15, 2002.
162. "Imaging of Breast Calcifications." Radiologisches Fortbildungsseminar, Vienna, Austria. June 12 – 15, 2002.
163. "Unusual Signs of Breast Cancer." Radiologisches Fortbildungsseminar, Vienna, Austria. June 12 – 15, 2002.
164. "What's New in Breast Ultrasound." Radiologisches Fortbildungsseminar, Vienna, Austria. June 12 – 15, 2002.
165. "Breast Pathology – What the Radiologist Needs to Know." X!!! Curso International de Correlation Radio-Patologica, Madrid, Spain. June 17 – 20, 2002.
166. "Classic Breast Lesions." X!!! Curso International de Correlation Radio-Patologica, Madrid, Spain. June 17 – 20, 2002.
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168. "Imaging of Breast Calcifications." X!!! Curso International de Correlation Radio-Patologica, Madrid, Spain. June 17 – 20, 2002.

169. "Unusual Signs of Breast Cancer." X!!! Curso International de Correlation Radio-Patologica, Madrid, Spain. June 17 – 20, 2002.
170. "What's New in Breast Ultrasound." X!!! Curso International de Correlation Radio-Patologica, Madrid, Spain. June 17 – 20, 2002.
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179. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. September 3, 2002.
180. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. September 24, 2002.
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182. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. January 7, 2003.
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184. Breast Lesions in Young Women and Children. Schwab, C.M. and Glassman, L.M. Presentation at the European Congress of Radiology, March 9, 2003.
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190. "Mammography of Malignant Masses." 33rd Jornada Paulista de Radiologia, Sao Paulo, Brazil. May 1, 2003.
191. "Mammography of Malignant Calcifications." 33rd Jornada Paulista de Radiologia, Sao Paulo, Brazil. May 1, 2003.
192. "Ductal Carcinoma in Situ." 33rd Jornada Paulista de Radiologia, Sao Paulo, Brazil. May 1, 2003.
193. "Ultrasound of Breast Cancer including Screening." 33rd Jornada Paulista de Radiologia, Sao Paulo, Brazil. May 1, 2003.
194. "Discussion of Cases in Mammography." 33rd Jornada Paulista de Radiologia, Sao Paulo, Brazil. May 1, 2003.
195. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. September 30, 2003..
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197. "Intraductal Carcinoma (DCIS)." Armed Forces Institute of Pathology, Washington DC. October 21, 2003.
198. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. January 6, 2004.
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200. "Intraductal Carcinoma (DCIS)." Armed Forces Institute of Pathology, Washington DC. January 13, 2004.
201. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. March 16, 2004.
202. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. March 23, 2004.

203. "Intraductal Carcinoma (DCIS)." Armed Forces Institute of Pathology, Washington DC. March 23, 2004.
204. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. July 27, 2004.
205. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. August 31, 2004.
206. "Intraductal Carcinoma (DCIS)." Armed Forces Institute of Pathology, Washington DC. August 31, 2004.
207. "Imaging of Breast Calcifications." Journees Francaises de Radiologie, Paris France. October 4, 2004.
208. "Breast Pathology for the Radiologist." Journees Francaises de Radiologie, Paris France. October 5, 2004.
209. "Breast Abnormalities in Young Women." Journees Francaises de Radiologie, Paris France. October 5, 2004.
210. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. October 19, 2004.
211. "Breast Abnormalities in Young Women." Armed Forces Institute of Pathology, Washington DC. October 19, 2004.
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214. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. January 18, 2005.
215. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. February 1, 2005.
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217. "Breast Lesions in Young Women 35 and Under." The AFIP in Holland NVvR Sandwichcursus 2005, Utrecht, Holland. March 1, 2005.
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224. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. March 15, 2005.
225. "Unknown Breast Case Conference." DC Metropolitan Radiologic Society, Washington, DC. March 24, 2005.
226. "Breast Pathology – What the Radiologist Needs to Know." Armed Forces Institute of Pathology, Washington DC. April 19, 2005.
227. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. May 18, 2005.
228. "Intraductal Carcinoma (DCIS)." Armed Forces Institute of Pathology, Washington DC. May 18, 2005.
229. "Breast Lesions in Young Women." XVI Curso Internacional de Correlation Radio-Patologica, Madrid, Spain. June 13-16, 2005.
230. "Uncommon Signs of Breast Cancer." XVI Curso Internacional de Correlation Radio-Patologica, Madrid, Spain. June 13-16, 2005.
231. "Breast Calcifications Benign and Malignant." XVI Curso Internacional de Correlation Radio-Patologica, Madrid, Spain. June 13-16, 2005.
232. "DCIS." XVI Curso Internacional de Correlation Radio-Patologica, Madrid, Spain. June 13-16, 2005.
233. "Imaging of Breast Masses." XVI Curso Internacional de Correlation Radio-Patologica, Madrid, Spain. June 13-16, 2005.
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241. "Uncommon Signs of Breast Cancer." Radiologisches Fortbildungsseminar, Vienna, Austria. June 22 – 25, 2005.
242. "Breast Calcifications Benign and Malignant." Radiologisches Fortbildungsseminar, Vienna, Austria. June 22 – 25, 2005.
243. "DCIS." Radiologisches Fortbildungsseminar, Vienna, Austria. June 22 – 25, 2005.
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246. "Basic Breast Imaging." Armed Forces Institute of Pathology, Washington DC. July 26, 2005.
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248. "Intraductal Carcinoma (DCIS)." Armed Forces Institute of Pathology, Washington DC. August 5, 2005.
249. "Breast Lesions in Young Women." Armed Forces Institute of Pathology, Washington DC. August 9, 2005.
250. "Basic Breast Imaging." Armed Forces Institute of Pathology, Washington DC. September 27, 2005.
251. "Breast Lesions in Young Women." Armed Forces Institute of Pathology, Washington DC. October 3, 2005.
252. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. October 11, 2005.
253. "Intraductal Carcinoma (DCIS)." Armed Forces Institute of Pathology, Washington DC. October 11, 2005.
254. "Breast Pathology for the Radiologist." 6th Roentgen – Virchow Symposium, Berlin, Germany. October 20, 2005.

- 255. "Benign and Malignant Classic Breast Lesions." 6th Roentgen – Virchow Symposium, Berlin, Germany. October 20, 2005.
- 256. "Uncommon Signs of Breast Cancer." 6th Roentgen – Virchow Symposium, Berlin, Germany. October 21, 2005.
- 257. "Unknown Case Conference in Breast Imaging." 6th Roentgen – Virchow Symposium, Berlin, Germany. October 20, 2005.
- 258. "Breast Lesions in Young Women 35 and Younger." 6th Roentgen – Virchow Symposium, Berlin, Germany. October 21, 2005.
- 259. "Breast Abnormalities in Young Women." Breast Imaging Update 2005, DC Metropolitan Radiological Society, Washington DC, October 29, 2005.
- 260. "Basic Breast Imaging." Armed Forces Institute of Pathology, Washington DC. January 17, 2006.
- 261. "Breast Lesions in Young Women." Armed Forces Institute of Pathology, Washington DC. January 31, 2006.
- 262. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. January 31, 2006.
- 263. "Intraductal Carcinoma (DCIS)." Armed Forces Institute of Pathology, Washington DC. January 31, 2006.
- 264. "Basic Breast Imaging." Armed Forces Institute of Pathology, Washington DC. March 3, 2006.
- 265. "Intraductal Carcinoma (DCIS)." Armed Forces Institute of Pathology, Washington DC. March 3, 2006.
- 266. "Classic Breast Lesions." Armed Forces Institute of Pathology, Washington DC. March 7, 2006.
- 267. "Breast Lesions in Young Women." Armed Forces Institute of Pathology, Washington DC. March 7, 2006.
- 268. "Basic Breast Imaging for Pathologists." Armed Forces Institute of Pathology, Washington DC. March 17, 2006.

NATIONAL MEMBERSHIPS

American College of Radiology
Member, Commission on Marketing and Public Relations 1991 - 1996
Chair, Major Payers of Healthcare Committee 1993 - 1996

Radiological Society of North America

American Institute of Ultrasound in Medicine
Senior Member 1997

American Roentgen Ray Society

Society of Radiologists in Ultrasound

Society of Breast Imaging